

Processing Belts PM220PA-G



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Main industry segments

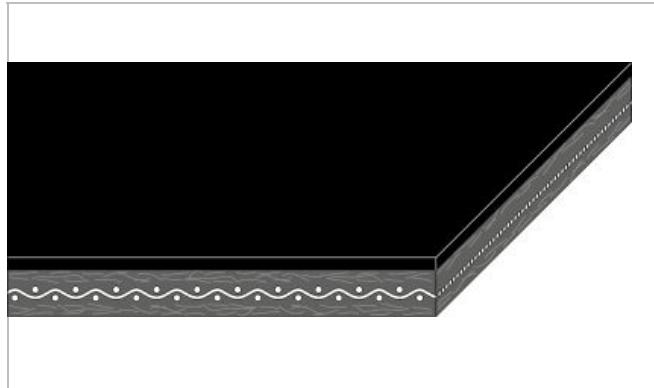
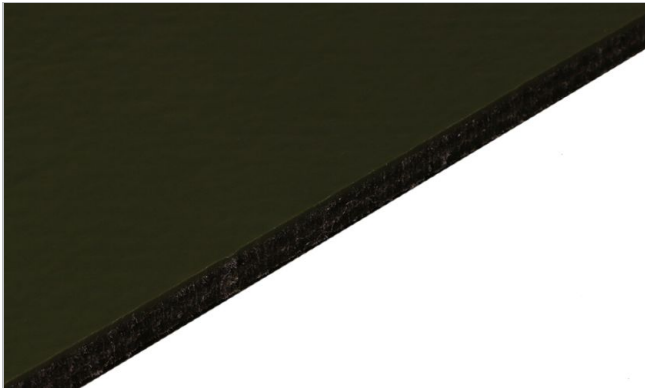
Automotive components, Metal sheets and components, Solid wood

Applications

Accumulation belt, Metering/singulation belt, Stamping belt

Special features

Abrasion resistant, Cut resistant, Flat laying, Good lace retention, Low noise applications suitable, Non-marking, Oil resistant, Wear resistant



Product Construction / Design	
Conveying side material	Thermoplastic Alloy
Conveying side surface	Smooth
Conveying side property	Adhesive
Conveying side color	Green
Traction layer (material)	Polyester (PET) scrim
Number of Fabrics	1
Pulley side material	Polyester (PET) scrim
Pulley side surface	Fabric
Pulley side color	Black

Product characteristics	
Antistatically equipped	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended

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Technical data		
Thickness of belt	6.9 mm	0.27 inch
Mass of belt (belt weight)	5.1 kg/m ²	1.045 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	19 N/mm	110 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	10 N/mm	57 lbf/in
Min. operating temperature admissible (continuous)	-12 °C	10 °F
Max. operating temperature admissible (continuous)	80 °C	176 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.30 -	
Seamless manufacturing width	1829 mm	72.00 inch

Joining related properties

Joining method	
Alligator #35	Optional joining method
Clipper #5	Optional joining method

[Link to JDS:](#)

Joining method		Alligator #35	Clipper #5
Pulley diameter (minimum)	mm inch	127 5.00	127 5.00
Pulley diameter minimum with counter flection	mm inch	152 6.00	152 6.00
Carrying rollers suitable		Yes	Yes
Troughed installation suitable		No	No
Powerturns / curved installations		No	No
Low noise applications		Yes	Yes

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

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Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

Mode of use or conveyance

Horizontal

Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

Recommendation

Install the slack belt and tension until running perfectly under the full belt load

Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging. Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

Group	Nonwoven Belts
Sub-Group	Polymate Nonwoven Belts
Item number	H250000778

Disclaimer

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